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TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER 0321.67590

U.S. APRILIC ATION PRO HIS ROOM P-SEP 37-9 FR 1.5) INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/US2003/028620 10 September 2002 09 September 2003 TITLE OF INVENTION INTERCONNECTION ARCHITECTURE AND METHOD OF ASSESSING INTERCONNECTION ARCHITECTURE APPLICANT(S) FOR DO/EO/US Chung-Kuan Cheng, Hongyu Chen, Bo Yao, Ronald Graham and Ester Y. Cheng Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). has been previously submitted under 35 U.S.C. 154(d)(4). [X]Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). X An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 10. Items 11 to 20 below concern document(s) or information included: 11. X An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. X A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. 16 A power of attorney and/or change of address letter. 17. 🔲 A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. L A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). Other items or information: 72 sheets formal drawings 20. X

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The informatio USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 including gathering information, preparing, and submitting the completed form to the USPTC of time you require to complete this form and/or suggestions for reducing his burden, shou Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND F Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

3/1/2005

Date

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DT06 Rec'd PCT/PT0 0 1 MAR 2005

PTO-1390 (Rev. 02-2005)
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The following feer-flowing-best autherities 22. [3] Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Antice 3/31/40,	U.S. APPLICATION	NO. (if know)	1, see 37 CFR 1.5	PCT/US2003/0286		0321.67590	CKET NUMBER
21. Seamination fee 12. Seamination fee 13. Hinternational preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Antide 33(1)-(4)				CALCULATIONS PTO USE ONLY			
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Articles 3(1)(4)						<u> </u>	T
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Authority	22. X Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)						
Additional Fee for specification and drawings filled in a paper over 100 sheets (excluding sequence listing or computer program Issing filled in an electronic medium). The fee is 2920 for each additional 30 sheets of paper or friaction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction thereof. Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(n)). CLAIMS NUMBER FILED NUMBER EXTRA RATE \$ Total claims 23	23. 🔼 Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					\$ 100.00	
Total Sheets Extra Sheets Number of each additional 50 sheets of paper of raction mered. Total Sheets Extra Sheets Number of each additional 50 or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction RATE						\$ 600.00	
thereof (round up to a whole number) 132 _ 100 = 32	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium).						
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CLAIMS NUMBER FILED NUMBER EXTRA RATE S	132 - 100 =	³² /50 =	1		x \$250	\$ 250.00	
Total claims 23 - 20 = 3				aration later than 30 months fr	om the earliest	\$	
Independent claims 6 -3 = 3	CLAIMS	NUME	ER FILED	NUMBER EXTRA	RATE	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) TOTAL OF ABOVE CALCULATIONS = \$ 1600.00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. SUBTOTAL = \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). TOTAL NATIONAL FEE = \$ 1600.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$ 1600.00 Amount to be refunded: Amount to be charged: a. A check in the amount of \$ 1600.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of \$ 10 cover the above fees. Aduplicate copy of this sheet is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CER 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: GREER, BURNS & CRAIN, LTD.	Total claims	23	- 20 =	3	× \$ 50	\$ 150.00	
TOTAL OF ABOVE CALCULATIONS = \$ 1600.00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. SUBTOTAL = \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). TOTAL NATIONAL FEE = \$ 1600.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + TOTAL FEES ENCLOSED = \$ 1600.00 Amount to be refunded: \$ Amount to be refunded: \$ Amount to be charged: \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Independent claims	6	- 3 =	3	× \$200	\$ 600.00	
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Amount to be refunded: Amount to be charged: Description of the sheet is enclosed. A check in the amount of \$						\$	
a. X A check in the amount of \$ 1600.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37-CER 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: GREER, BURNS & CRAIN, LTD.				TOTAL F	EES ENCLOSED =	\$ 1600.00	
a. A check in the amount of \$ 1600.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive.(37-CER 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: GREER, BURNS & CRAIN, LTD.						\$	
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GREER, BURNS & CRAIN, LTD.	NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37-CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
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Sleven F. Fanon	300 South Wacker Drive, Suite 2500 Steven P. F.					allon	-
Chicago, Illinois 60606	Chicago, Illinois 60606						
(312) 360-0080 35.132	(312) 360-0080 35.132						1
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PATENT APPLICATION

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	HE UNITED STATES PATENT AND TR				
Applic	c ş	1 hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an			
Serial 1	No.:	envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.			
Conf. N	No.:) 3/1/2005 Dail Carm			
Filed:	March 1, 2005) Date Express Mail Label No.: EL965134301US)			
For:	INTERCONNECTION ARCHITECTURE AND METHOD OF ASSESSING INTERCONNECTION ARCHITECTURE				
Art Uni	it:)			
Examin	ner:				
	<u>DRAWING TRANSMITTAL LI</u>	<u>ETTER</u>			
Commiss P.O. Box	p PGPUB Drawings sioner for Patents x 1450 ria, VA 22313-1450				
Dear Sir:	:				
Enclosed	herewith please find:				
()	sheets of redlined drawing(s) which indicate proposed chan proposed changes, formal drawing(s) will be submitted.	ges to the drawing(s). Upon approval of these			
()	sheets of corrected formal drawing(s), as required by the Nowhich accompanied the Office Action datedoriginally filed sheets.	otice of Patent Drawings Objection (PTO-948) Please retain the remaining			
().	sheets of corrected formal drawing(s), as required by the No and approved in the Notice of Allowability dated originally filed sheets.	otice of Patent Drawings Objection (PTO-948) Please retain the remaining			
() _	sheets of formal drawing(s). Please substitute these for originally filed.	rmal drawing(s) for the informal drawing(s)			
(X)	72 sheets of formal drawings.				
Examiner	r's approval of the entry of these drawings is respectfully reques	sted. No new matter has been added.			

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

Ву

Steven P. Fallon Registration No. 35,132

March 1, 2005 300 South Wacker Drive, Suite 2500 Chicago, Illinois 60606 (312) 360-0080 Customer No. 24978